

Abstract

Volatile organic compound or other materials are produced in the thermoplastic manufacture of thermoplastic polyester beverage containers. Such materials can be eluted into beverages such as carbonated beverages, sparkling or still water from the polyester. Such thermoplastic polyester resins can be manufactured with a material that can prevent the formation of, or react with, and absorb volatile by-products during the formation of thermoplastic preforms or containers from the thermoplastic pellet or chip. Further, as the preform is blown into a polyester container, the active materials of the invention prevent the generation of additional undesirable volatile materials. Lastly, the scavenger material can act as a barrier that prevents transport of materials from the exterior of the container into the container contents.

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